

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/JP2005/009006

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 F04B39/02 F04B39/00

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 F04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## **C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) & JP 2004 027969 A (MATSUSHITA REFRIG CO LTD), 29 January 2004 (2004-01-29)	1-3,7
Y	abstract; figures	1-3,5,6
Y	US 2003/223891 A1 (NISSEN JENS ERIK ET AL) 4 December 2003 (2003-12-04) abstract; figures paragraphs '0029! - '0031!	1-3,5,6
Y	US 5 860 395 A (KLOTZ ET AL) 19 January 1999 (1999-01-19) abstract; figures 4-9 column 3, line 47 - column 4, line 10	1-3,5,6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

2 August 2005

Date of mailing of the international search report

09/08/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 03/010446 A (EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO; LILIE, DIETMAR, ERI) 6 February 2003 (2003-02-06) abstract page 1; line 34 - page 2, line 22 claim 8</p> <p>-----</p>	1-6

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2005/009006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2004027969	A	29-01-2004	AU 2003238161 A1 BR 0312074 A EP 1527280 A1 WO 2004003387 A1	19-01-2004 22-03-2005 04-05-2005 08-01-2004
US 2003223891	A1	04-12-2003	DE 10224428 A1 CN 1461885 A	24-12-2003 17-12-2003
US 5860395	A	19-01-1999	NONE	
WO 03010446	A	06-02-2003	BR 0104001 A WO 03010446 A1 CN 1533486 A EP 1409895 A1 JP 2004536257 T MX PA04000711 A SK 212004 A3 US 2004261613 A1	05-08-2003 06-02-2003 29-09-2004 21-04-2004 02-12-2004 20-04-2004 08-06-2004 30-12-2004